LOADING DOCK

Mackie HMX56 Tabletop Matrix Mixer/Amplifier

www.mackie.com

The Mackie HMX56 is a compact tabletop headphone matrix mixer/amplifier with routing capabilities. It includes stereo main inputs that are automatically routed to each of the six discrete headphone outputs. Four additional mono source inputs can be combined as needed with the main input feed on a channel-by-channel basis using the on-board 4 by 6 source matrix.

The HMX56 also offers an individual effects send for each mono source input and stereo main mix channel, as well as an effects return control on each of the six channels.

BSS Audio SB2 Control Software

www.bss.co.uk

BSS SB2 Release 2 control software is intended to be used with the company's Ominidrive and Minidrive processors. SB2 provides the ability to select and control more than a single unit simultaneously, in addition to allowing creation of a custom control panel that incorporates functions from several devices.

The software also allows selection of the recently adopted WHISE-WORKS – NTM filter type in the (Omnidrive) FDS-366T and Minidrive, which provides a higher performance fourth-order crossover filter. SB2 is designed to run on the latest PC operating systems, including Windows 2000 and XP.

SLS P-LS8695 Powered Compact Line Array

www.slsloudspeakers.com

The SLS Loudspeakers P-LS8695 is a powered version of the company's LS8695 compact line source array loudspeaker. The P-LS8695 incorporates 24 bit, 96 kHz DSP that was developed utilizing acoustic performance algorithms optimized for the LS8695.

Two high-power digital amplifiers were incorporated to independently power the low- (1000 watts) and high-frequency drivers (500 watts). The input to the amplifier section is fully balanced with adjustable sensitivity, and a balanced transmitter is included for looping multiple loudspeakers. Also available is a selectable 80 kHz high-pass filter for the low-frequency section when using an additional subwoofer.

Eminence LA Series Cone Drivers

www.eminence.com

Eminence LA Series cone drivers are made specifically for line array loudspeakers. All measure 6.5 inches and offer 8-ohm impedance. The LA6-MB is for mid-bass applications, while both the LA6-MR and LA6-CBMR (closed back) are suited for mid-range uses.

Sensitivity figures range from 92 dB ("MB") to 98 dB ("CBMR"). Truncated basket designs minimize acoustical center spacing and facilitate line array applications; however, the driver parameters are also practical for standard three-way designs. Other specifics include Kapton coil formers, Ferrite magnets, vented cores and paper cones.

MIPRO MI-808 Wireless IEM System

www.mipro.com.tw

The MIPRO MI-808 is a wireless, UHF-band stereo receiver and transmitter for in-ear personal monitoring (IEM). The system is frequency-agile over a 24 MHz bandwidth, with 16 selectable pre-programmed frequencies.

The MI-808R receiver offers diversity technology that eliminates signal dropouts and enhances signal stability. Receivers operate in user-selectable "mixed" or "stereo" output modes and have selectable built-in limiting for aural protection. The MI-808T transmitter comes with three earphone choices.

Renkus-Heinz TRX42 "StairStep" Loudspeaker

www.renkus-heinz.com

The Renkus-Heinz TRX42 "StairStep" loudspeaker offers a very low profile, and is loaded with a 1-inch high-frequency compression driver and dual 4-inch woofers that combine to produce a rated output level of 122 dB (30 Hz to 20 kHz). Coverage pattern is 150 degrees by 60 degrees.

The components are coupled to a diffraction slot, which is designed to eliminate high frequency beaming and provide wide-angle coverage out to 20 kHz and beyond. A heavy-gauge metal grille provides protection against damage. An optional metal back box is also available.

t.c. electronic Digital I/O For EQ Station

www.tcelectronic.com

The t.c. electronic Digital I/O card is for use with the company's EQ Station system. It provides eight input and eight output channels of audio in AES digital format.

The channels are made accessible by connecting the AES cable to the 25-pin D-type connector. The AES cable has a coded XLR type connector in numerical order; each carries a pair of digital audio channels.

EAW Element Series Loudspeakers

www.eaw.com

Eastern Acoustic Works (EAW) Element Series loudspeakers offer IEC 60529 and MilSpec 810 environmental protection ratings. The enclosure is made of acoustically inert and waterproof enclosure polypropylene with 40-percent calcium carbonate and they are shaped with few to no parallel surfaces.

The model LM60 includes a soft-dome tweeter on a Waveguide Plate and a 6.5-inch woofer; the LM80 pairs a Waveguide Plate-loaded compression driver with dual 6.5-inch woofers. A perforated steel grill backed with open cell 60-ppi foam protects the drivers. An optional 10,000 pores to the inch stainless steel water barrier is also available.

Sabine SW70-H19 Wireless Handheld Microphone

www.sabine.com

The Sabine SW70-H19 handheld microphone is designed for use with the company's 2.4 GHz wireless system. It is outfitted with a Voice Technologies condenser capsule offering a suspension system that minimizes handling noise.

Like the other mics in the SW70 Series, the SW70H-19 has an LCD which shows both battery voltage and run-time hours, as well as the user-adjustable pad and low cut filter. The RF channel is displayed as well as the mute status. All these status displays are sent via digital telemetry back to the receiver.

LOADING DOCK

Adamson SpekTrix Wave Loudspeaker

www.adamsonproaudio.com

The Adamson SpekTrix Wave is a 15-degree trapezoidal cabinet design for achieving extreme downward angles at the bottom of an array. It is also suitable for use in wide vertical coverage array designs.

The three-way loudspeaker incorporates two Adamson 8.5-inch Kevlar, neodymium drivers – one ND8-L mid-bass driver and one ND8-M mid-range driver – and a 1.5-inch compression driver mounted on an Adamson wave-shaping sound chamber. The sound chamber produces a slightly curved iso-phase wave front. SpekTrix Wave includes the company's AIR integrated rigging system.

Meyer Sound Galileo 616 Management System

www.meyersound.com

The Meyer Galileo 616 is a loudspeaker management system with 6 inputs and 16 outputs as well as digital matrix processing for driving and aligning multiple zones. It can be used as a standalone device operated directly from its front panel, or in conjunction with a laptop or other personal computer via Ethernet.

The Ethernet connection presents a broad variety of control possibilities, such as the use of wireless laptop computers and tablets to control the device, enabling the user to walk around a venue while adjusting parameters on one or more Galileo 616 units. Full bi-directional communication allows instant viewing of all current settings, whether operating the unit from the front panel or a laptop computer (Windows or Mac).

KS Audio T-Line Line Array

www.ksaudiousa.com

The KS Audio T-Line is a line array loudspeaker system with a two-way design and dispersion (per loudspeaker) of 90 degrees by 5 degrees. Frequency response is 60 Hz to 19 kHz, with the addition of a subwoofer extending response down to 35 Hz.

Enclosures are loaded with two 12-inch woofers and a 2-inch compression driver, both with neodymium magnets. Each loudspeaker, which includes flyware, weighs 96 pounds, so a theoretical maximum of 22 enclosures could be flown from a one-ton motor. The T-Line is controlled by the company's Firtec technology in the FIRMOD control module.

Mach CM Series Loudspeakers

www.mach.dk

Mach CM Series loudspeakers offer rotatable horns and easily switch from passive to active mode via a multi-pin connector. A variety of models, all designed for medium-throw applications, are available. Some are dedicated "top boxes" while others can function as full-range systems.

All CM Series loudspeakers offer 18 flying points, four of which are fully adjustable to offer flexible vertical and horizontal positioning. The mounting system has an included U-bracket, as well as multi bracket, eyebolts and/or cluster brackets. Recessed Speakon and barrier strip terminals are both provided, and the cabinet is protected with a "Safe Coat" surface.

QSC QSControl.net Integration Tools

www.qscaudio.com

QSC Audio QSControl.net brings together the company's power amplification and loudspeaker products into a unified system with an integrated graphical user interface. The BASIS 922az, BASIS 904zz, BASIS 902zz, and RAVE 522aa QSControl.net platform.

The BASIS units combine three technologies within a single 1U hardware package: system monitoring and control, configurable DSP, and CobraNet audio transport. The RAVE 522aa combines configurable DSP with CobraNet transport. Through Venue Manager, all of the products can be networked and controlled, and multiple networked computers can be set up to control and monitor all of the units.

LOADING DOCK

HAVE FLEXYGY 8 Audio Snakes

www.haveinc.com

HAVE FLEXYGY 8 is a new audio snake cable design found in the company's line of flat 8-pair cable assemblies. FLEXYGY 8 is made up of 24 AWG (7/32) bare annealed copper conductor pairs with 24 AWG drain wire.

Each pair is individually numbered and color coded, and offers aluminum/polyester tape shielding. Capacitance is rated at less than 25 pF/ft between conductors, while conductor DC resistance is listed as 24.5 ohms/1000 feet. Assemblies are balanced, with a wide range of professional connectors available.

Gem Sound GEQ-256 Equalizer/Analyzer

www.gemsound.com

The Gem Sound GEQ-256 is a rack-mountable, 10 by 10 graphic equalizer and spectrum analyzer with multiple display modes. Offering individual control of left and right stereo channels, the GEQ-256 provides two banks of 10 faders that control frequency bands ranging from 30 Hz to 16 kHz, with up to ±12 dB of boost or cut per band.

Two stereo RCA line inputs, a stereo record input, and a mute button are also included. Power can be switched between 110 and 220 volts. The 10-band spectrum analyzer supplies readings of input changes, EQ status, peak values, and other information. Seven spectrum analyzer display modes include linear, cubic, peak hold, under peak hold, upper spectral, normal, and auto-change.

AKG C 542 BL Boundary Microphone

www.akgusa.com

The AKG C 542 BL boundary-layer microphone can be placed on any large, acoustically reflective surface, such as walls, ceiling or floor of a room. It can also be located (and permanently mounted) on the lid or back of a piano, or used with drum kits and other large instruments for more of a "room sound."

The C 542 BL offers the same transducer as the AKG C 562 BL, with a hemispherical pickup pattern and a switchable 150 Hz, 12-dB-per-octave bass roll-off switch on its output connector to minimize surface noise and vibration.

PAS Audio F/HS Integrated System

www.pas-toc.com

The PAS F/HS-1 is a fully integrated system with four of the company's RS-2.2 mid/high loudspeakers and four MF-218 dual-18-inch-loaded subwoofers.

In addition, it is supplied with PAS TOC R2 signal processing along with power amplification, an amp rack with pre-wired I/O panel, and cabling. The system is scaleable, and all cables offer Speakon-to-Speakon connections. Optional accessories include dolly boards for the MF-218.

RCF PR4092 Preamplifier

www.rcf.it

The RCF PR 4092 preamplifier offers nine inputs and two outputs, with all outputs assignable to output 1, output 2, or both simultaneously. This makes it suitable for use as a "double" preamp unit.

The first input has priority over the other inputs for paging purposes, and eight of the nine have mic/line sensitivity. All are also outfitted with 24-volt phantom power and high-pass filters, as well as signal presence indicators.